



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Moon et al.

Serial No.: 09/874,631

Filed: June 5, 2001

For: FLEXIBLE BALL GRID ARRAY

CHIP SCALE PACKAGES

Confirmation No.: 5108

Examiner: S. Clark

Group Art Unit: 2815

Attorney Docket No.: 2269-4368US

(99-0959.00/US)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as

defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

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U.S. Patent No.	Publication Date	<u>Patentee</u>
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JP 02000230964	08/2000	Hikita
JP 2001077294	03/2001	Hashimoto

Other Documents

Australian Search Report dated 11 Aug 2004 (3 pages).

Australian Search Report dated 16 Aug 2004 (4 pages).

Australian Search Report dated 08 Nov 2004 (5 pages).

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application.

Serial No. 09/874,631

This Supplemental Information Disclosure Statement is filed concurrently with an RCE in the above-identified application, and therefore no additional fee is due.

Respectfully submitted,

Joseph A. Walkowski Registration No. 28,765 Attorney for Applicants

TRASKBRITT P.O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: 801-532-1922

Date: February 14, 2005

JAW/dlm:ljb

Enclosures: Form PTO-1449 or PTO/SB/08

Copy of documents cited

Document in ProLaw

Form PTO-1449

THEORMATION DISCLOSURE CITATION IN AN APPLICATION

To the several sheets if necessary)

Docket Number (Optional) 2269-4368US (99-0959.00/US)

Application Number 09/874,631

Applicant

Moon et al.

Filing Date June 5, 2001

Group Art Unit 2815

TI & TRANSMIT **U.S. PATENT DOCUMENTS** FILING DATE EXAMINER CLASS SUBCLASS DOCUMENT NUMBER NAME DATE IF APPROPRIATE INITIAL Hirano et al. 03/1998 5,723,347 Fjelstad et al. 5,812,378 09/1998 04/1999 Takeda et al. 5,892,271 Kawakami 11/1999 5,986,460 Fjelstad 6,133,072 10/2000 Imasu et al. 03/2001 6,208,525 08/2001 Ma et al. 6,271,469 08/2001 Lam 6,281,046 Glenn et al. 09/2001 6,291,884 B1 Chung 04/2002 6,376,769 Slupe et al. 6,404,648 B1 06/2002 06/2002 Verma et al. 6,407,450 Barrett 09/2002 6,452,807 Liu et al. 03/2003 6,534,853 Moon et al. 04/2003 6,552,910 05/2003 Freeman 6,563,223 Levardo 07/2003 6,600,222 Akram et al. 6,634,100 B2 10/2003 Urushima 09/2004 6,791,195 Murtuza 12/2001 2001/0048157 A1 Kim et al. 12/2001 2001/053563 A1 Canella 03/2003 2003/0042595 A1 Koon et al. 02/2004 2004/0026773 A1 Exposito et al. 10/2004 2004/0212055 A1 Brechignac et al. 11/2004 2004/0217454 A1 DATE CONSIDERED

EXAMINER

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Sheet 2 of 2

Form PTO-1449 INFORMATION DISCLOSURE CITATION				ION	Docket Number (2269-4368US 0959.00/US)	Application 09/874,63	er		
	IN A	AN APPLICA	ATION		Applicant	Moon et al.			
	(Use	several sheets if n	ecessary)		Filing Date Ju	ne 5, 2001	Group Art	Unit 28	15
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· · · · · · · · · · · · · · · · · · ·	JF	04030456	02/1992	Y	'amaguchi			X	<u> </u>
	EP	0475022 A1	03/1992	G	Grube et al.		 	X	
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		02000230964	08/2000		Hikita			X X	
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<u>.</u>		Australian Sea	arch Report dated	11 Aug 20	04 (3 pages).	·			
		Australian Search Report dated 16 Aug 2004 (4 pages).							
		Australian Sea	arch Report dated	08 Nov 20	04 (5 pages).				
EXAMINER	•				DATE CONSI	DERED			
EXAMINER: Initiation not considered.	tial if cit	ation considered	i, whether or not on with next comm	citation is in	conformance with the applicant.	th MPEP § 609; D	raw line throu	ugh citatio	on if not in conform



ATENT & TRADEMARK OFFICE MAILROOM .TE STAMPED HEREON IS AN ACKNOWLEDGEMENT THAT ON THIS DATE THE PATENT & TRADEMARK OFFICE RECEIVED:

Request for Continued Examination (RCE) Transmittal (1 page); Check No. 7390 in the amount of \$790.00; Supplemental Information Disclosure Statement (4 pages); PTO-1449 (2 pages); and copy of cited references (33 pages)

Invention:

FLEXIBLE BALL GRID ARRAY CHAP

PACKAGES

Applicant(s):

Moon et al.

Filing Date:

June 5, 2001

Serial No.: Date Sent:

09/874,631 09/8/4,051
February 14, 2005 via Express Mail Law No.
EL994823728US
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Docket No.:

2269-4368US

JAW/dp:ljb

FEB 1 8 2005

FEB 1 4 2005

TRASKBRITT, P.C.





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Filed: June 5, 2001

For: FLEXIBLE BALL GRID ARRAY

CHIP SCALE PACKAGES

Confirmation No.: 5108

Examiner: S. Clark

Group Art Unit: 2815

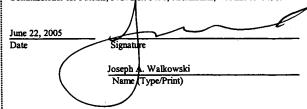
Attorney Docket No.: 2269-4368US

(99-0959.00/US)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

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U.S. Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u>
US - 6,225,688 B1	05/01/2001	Kim et al.
US - 6,884,653 B2	04/26/2005	Larson

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

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Respectfully submitted,

Joseph A. Walkowski Registration No. 28,765

Attorney for Applicants

TRASKBRITT P.O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: 801-532-1922

Date: June 22, 2005

JAW/dlm:slm

Enclosures: Form PTO-1449 or PTO/SB/08

Copy of documents cited

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Complete if Known	
Application Number	09/874,631	
Filing Date	June 5, 2001	
First Named Inventor	Moon et al.	
Group Art Unit	2815	
Examiner Name	S. Clark	
Attorney Docket Number	2269-4368US (99-0959.00/US)	

				Group Art Unit	2815
•	(use as many she	ets as i	necessary)	Examiner Name	S. Clark
Sheet	1	of	1	Attorney Docket Number	2269-4368US (99-0959.00/US)

	1 .	Document Number	U.S. PATENT D	Name of Patentee or Applicant of		
Examiner Cite Initials • No.1		Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US-6,225,688 B1	05/01/2001	Kim et al.		
		US- 6,884,653 B2	04/26/2005	Larson		
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FOREIGN PATENT DOCUMENTS								
Examiner Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	1			
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ³ (if known) Publication Date MM-DD-YYYY Document Document	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Т ⁶			
			 		 			
	 							
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP.901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



THE PATENT & TRADEMARK OFFICE MAILROOM DATE STAMPED HEREON IS AN ACKNOWLEDGEMENT THAT ON THIS DATE THE PATENT & TRADEMARK OFFICE RECEIVED:

Supplemental Information Disclosure Statement (2 pages); and Form PTO/SB/08 (1 page) with attached references.

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Invention:

FLEXIBLE BALL GRID ARRAY CHIP SCALE **PACKAGES**

JUL 0 5 2005

TRASKBRITT, P.C.

Applicant(s):

Moon et al. June 5, 2001

Filing Date: Serial No .:

09/874,631

Date Sent:

June 22, 2005 via first class mail

Docket No.:

2269-4368US

JAW/dlm:slm